

## **GOVERNMENT OF ANDHRA PRADESH ABSTRACT**

I & CAD - Major and Medium Irrigation - FDR 2009–10 – Cyclone Floods occurred during September / October 2009 – Immediate / Permanent Restoration of works – Funds allocation –guidelines – Orders – Issued.

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### IRRIGATION & CAD ( MAJ-X) DEPARTMENT

G.O.Ms.No. 124

dated:09-10-2009

Read the following:-

Flood damage Restoration report furnished by the Engineer-In-Chief (Irr.) Dt.07.10.09.

### **ORDER:**

Andhra Pradesh has been battered by floods like never before damaging number of Irrigation sources across Tungabhadra & Krishna River system from 30<sup>th</sup> September 2009 to 7<sup>th</sup> October 2009. Unprecedented floods surging in from the swelling Tungabhadra and Krishna River have put stress on diversion works (like RDS), barrages (Sunkesula), reservoirs, Srisailam and Nagarjuna Sagar Project.

2. In order to ensure safe disposal of huge flood water resulted due to cyclonic rains in the catchment area of Krishna River Basin several steps taken by the Irrigation & CAD Department. Despite due to huge floods the Irrigation sources have been damaged all along the river systems. The major damages reported are at Sunkesula barrage, Srisailam Project and Krishna Delta System. The Sunkesula barrage across the Tungabhadra River has suffered severe damage occurring to the flash floods of 9.80 Lakhs cusecs against the designed flood of 5.20 Lakhs cusecs on October 2<sup>nd</sup> 2009. The earth bund on left and right flanks have been suffered extensively requires immediate restorations.
3. The cyclonic floods occurred during the month of September / October 2009 caused heavy damages to the Irrigation Sources under Major / Medium / Minor Sectors of Irrigation & CAD Department.
4. The Floods were caused due to the unprecedented Cyclonic Rainfall in the range of 200 to 400 mm in a short period and inflows were exceeded the earlier recorded discharges in all the Irrigation Projects in the Krishna River Basin. The NSR Srisailam Project received a maximum flood of 22 Lakh Cusecs which is 8.80 Lakh Cusecs more than the designed discharge. The irrigation sources experienced maximum intensity due to the heavy inflows and resulted damage to the dam and other components which require immediate repairs.

P.T.O

5. The Engineer-In-Chief (Irr.), has reported that other Irrigation sources which are suffered are Pothyreddipadu Regulator, Bankacharla, Sunkesula, K.C Canal, Priyadarshini Jurala Project, Rajolibanda Diversion Scheme, Telugu Ganga Project, Krishna Delta System, Krishna Flood Banks and Nagarjuna Sagar Projects and 3 Nos. Medium Irrigation schemes.
6. The Engineer-In-Chief (Irr.) has reported that an amount of Rs.56.90 Crores is required for taking up the immediate restoration of Major / Medium Irrigation Projects, Damaged sources structures. The details are in Annexure I.
7. The following Committee is constituted for taking up immediate Restoration works of Major / Medium Irrigation Sources.

|            |                                    |                       |
|------------|------------------------------------|-----------------------|
| <b>I</b>   | Engineer-In-Chief (Admn)           | - Chairman            |
| <b>II</b>  | Engineer-In-Chief (Irrigation)     | - Member              |
| <b>III</b> | Chief Engineer, CDO                | - Member              |
| <b>IV</b>  | Advisors to Government             | - Members             |
| <b>V</b>   | Deputy Financial Advisor (Finance) | - Member              |
| <b>VI</b>  | Chief Engineer concerned           | - Member/<br>Convener |

The committee shall examine the Administrative Approvals pertains to Major and Medium Irrigation Projects works and entrustment of works to agencies.

8. The Engineer-In-Chief/Chief Engineer requested for taking up the immediate restoration of the structures under Major & Medium Irrigation Project to store water Rabi season and to bring back the system to original standards.
9. After careful examination of the issue, Government here by order that approval for an amount of Rs.56.90 Crores is accorded for taking immediate restoration works of Major & Medium Projects as per the Annexure-I to augment Irrigation supplies to Rabi crop 2009-10.
10. Immediate restoration works up to Rs. 5.00 Lakhs estimated cost shall be entrusted to W.U.A's wherever available.
11. Funds for the above works shall be met by way of re-appropriation from the concerned projects into the head of accounts shown below.

For Major and Medium Irrigation the head of account is "**4711 COL – GH 11 – Normal State Plan – SH (06) Krishna Delta Area – 530/531 Other Expenditure**".

12. The Engineers-in-Chief and Chief Engineers concerned shall take necessary action accordingly.
  
13. This order issues with the concurrence of Finance department vide their U.O.No.6808, dated: 08-10-2009.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH )**

S.P.TUCKER  
PRINCIPAL SECRETARY TO GOVERNMENT

**To**

**The Engineer-in-Chief (Irr), Engineer-in-Chief (AW)**

Copy to the Prl. Secretary (projects)

Copy to the Secretary (AD)

Copy to the Secretary (RRM)

Copy to The Engineer-in-Chief (TGP), Engineer-in- Chief (Med)

Copy to the Chief Engineers of Irrigation & CAD Dept

Copy to the District Collectors

Copy to DFA, Finance (W&P)

All Major, Medium & P&B Sections,

SF/SC.

//FORWARDED BY ORDER//

SECTION OFFICER

## ANNEXURE-I

**Rs. In Crores**

| <b>MAJOR IRRIGATION PROJECTS</b>  |                          | <b>IMMEDIATE RESTORATION</b> | <b>REMARKS</b>                                    |
|-----------------------------------|--------------------------|------------------------------|---|
| 1.                                | Pothyreddypadu Regulator | 2.00                         | Repairs to Structures                             |
| 2.                                | Banakacharla             | 2.00                         | Repairs to Structures                             |
| 3.                                | Sunkesula                | 7.50                         | Earthen bund flood bank and repairs to structures |
| 4.                                | K.C. Canal               | 3.00                         | Repairs to canal Systems                          |
| 5.                                | PJP                      | 4.00                         | Canal/Dam works                                   |
| 6.                                | RDS                      | 1.50                         | Canal Systems                                     |
| 7.                                | Telugu Ganga Project     | 5.00                         | Repairs approach canal and canal systems.         |
| 8.                                | Krishna Delta system     | 10.00                        | Repairs canal system                              |
| 9.                                | Krishna Flood Bank       | 10.00                        | Repairs flood banks and structures .              |
| 10.                               | N.S.Project              | 5.00                         | Repairs to Dam.                                   |
| 11.                               | Srisailam Dam            | 5.00                         | Repairs to Dam.                                   |
| <b>Total:</b>                     |                          | <b>55.00</b>                 |   |
| <b>MEDIUM IRRIGATION PROJECTS</b> |                          |                              |   |
| 1                                 | Gajuladinne              | 1.70                         | Bund 30 breaches on canal                         |
| 2                                 | Dindi                    | 0.15                         | Minor damages                                     |
| 3                                 | Muniyeru                 | 0.05                         | Minor damages                                     |
| <b>Total</b>                      |                          | <b>1.90</b>                  |   |
| <b>Grand Total</b>                |                          | <b>56.90</b>                 |   |

S.P.TUCKER  
PRINCIPAL SECRETARY TO GOVERNMENT

SECTION OFFICER